

Electronic Patent Application Fee Transmittal

Application Number:	10801208			
Filing Date:	16-Mar-2004			
Title of Invention:	Methods of manufacturing semiconductor devices having a ruthenium layer via automatic layer deposition			
First Named Inventor/Applicant Name:	Kwang-hee Lee			
Filer:	D. Randal Ayers/Jessica French			
Attorney Docket Number:	5649-1277			
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Utility under 35 USC 111(a) Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Submission- Information Disclosure Stmt	1806	1	180	180
Total in USD (\$)				180